

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 23, 2004, 18:16:29 ; Search time 21 Seconds
(without alignments)
988.454 Million cell updates/sec

Title: US-09-800-321A-4

Perfect score: 1607

Sequence: 1 MNWVDSIIQEFILLGFSDR.....NKEVKEGFKLVARVFLIKK 313

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep.*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep.*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep.*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	939	58.4	310	4	US-09-546-986A-2
2	939	58.4	310	4	US-09-524-730-2
3	883	54.9	334	4	US-09-546-986A-8
4	883	54.9	334	4	US-09-524-730-8
5	879	54.7	340	4	US-09-546-986A-6
6	879	54.7	340	4	US-09-524-730-6
7	770	47.9	331	4	US-09-524-730-4
8	770	47.9	331	4	US-09-524-730-4
9	691	43.0	309	3	US-08-988-876-5
10	655	40.8	314	3	US-08-988-876-7
11	654.5	40.7	321	3	US-08-748-506-18
12	651.5	40.5	321	3	US-08-748-506-10
13	647.5	40.3	321	3	US-08-748-506-20
14	646.5	40.2	333	4	US-09-465-901-48
15	645	40.1	333	3	US-08-988-876-6
16	644.5	40.1	321	3	US-08-748-506-12
17	640	39.8	316	2	US-08-878-291A-2
18	638.5	39.7	321	3	US-08-748-506-13
19	630.5	39.2	321	3	US-08-748-506-19
20	628.5	39.1	321	3	US-08-748-506-11
21	622.5	38.7	296	2	US-08-467-948A-2
22	622.5	38.7	296	3	US-08-467-947A-2
23	596	37.1	284	1	US-08-118-270-61
24	596	37.1	284	5	PCT-US93-08528-61
25	596	37.1	327	3	US-08-748-506-24
26	589	36.7	327	3	US-08-748-506-22
27	589	36.7	327	3	US-08-748-506-23

28	579	36.0	327	3	US-08-748-506-14	Sequence 14, Appl
29	572.5	35.6	284	1	US-08-118-270-67	Sequence 67, Appl
30	572.5	35.6	284	5	PCT-US93-08528-67	Sequence 67, Appl
31	548.5	34.1	293	1	US-08-118-270-60	Sequence 60, Appl
32	548.5	34.1	293	5	PCT-US93-08528-60	Sequence 60, Appl
33	548	34.1	247	1	US-08-465-980-3	Sequence 3, Appl
34	548	34.1	247	2	US-09-053-303-3	Sequence 3, Appl
35	548	34.1	247	3	US-09-339-115-3	Sequence 3, Appl
36	548	34.1	247	5	PCT-US95-07093-3	Sequence 3, Appl
37	546	34.0	277	1	US-08-118-270-62	Sequence 62, Appl
38	546	34.0	277	5	PCT-US93-08528-62	Sequence 62, Appl
39	529.5	32.9	286	1	US-08-118-270-65	Sequence 65, Appl
40	529.5	32.9	286	5	PCT-US93-08528-65	Sequence 65, Appl
41	526	32.7	273	1	US-08-118-270-63	Sequence 63, Appl
42	526	32.7	273	5	PCT-US93-08528-63	Sequence 63, Appl
43	525	32.7	275	1	US-08-118-270-66	Sequence 66, Appl
44	525	32.7	275	5	PCT-US93-08528-66	Sequence 66, Appl
45	522	32.5	277	1	US-08-118-270-68	Sequence 68, Appl

ALIGNMENTS

RESULT 1
US-09-546-986A-2
; Sequence 2, Application US/09546986A
; Patent No. 6635741
; GENERAL INFORMATION:
; APPLICANT: Powers, Scott
; APPLICANT: Yang, Jianxin
; APPLICANT: Cutler, Gene
; APPLICANT: Tularik Inc.
; TITLE OF INVENTION: No. 6635741el G-Protein Coupled Receptors
; FILE REFERENCE: 018781-004720US
; CURRENT APPLICATION NUMBER: US/09/546,986A
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 09/524,730
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 2
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-546-986A-2

Query Match	58.4%	Score 939;	DB 4;	Length 310;
Best Local Similarity	58.7%	Pred. No. 4.8e-75;		
Matches	175;	Conservative	73;	Indels 0; Gaps 0;
Qy	12	FILLGFSDRPWLEFLLVWELISYTVTFQNLTIILVSRDLTKLHTPMYFFLNLSLDD	71	
Db	9	FILLGFSDRPWLEFLLVWELISYTVTFQNLTIILVSRDLTKLHTPMYFFLNLSLDD	68	
Qy	72	CYTTCTVPMQMLNLCIRKVISYRGCAQLFIFALGATEYLLAVNMFDFVVAICPLH	131	
Db	69	CYTTCTVPMQMLNLCIRKVISYRGCAQLFIFALGATEYLLAVNMFDFVVAICPLH	128	
Qy	132	YSVIMHORLCQLAAASWVTGFSNVLSTLTQLPLCDPVIDHFLCEVPALLKLSCEV	191	
Db	129	YAVLMRALCQQLVALNLSGFGNSFVQVVLTVQLFCGQVNLNFFCEVPNIKLSAD	189	
Qy	192	TTANEAEFLVSEFLHPLIPLTLILISYAFIVRAVRIQSAEGKQAFGTGCGSHLIVVSLF	251	
Db	189	TAMNDTILAVLVAFFVLVPLALLISYGFARAVLRIQSSKGRKAFGTGCGSHLIVVSLF	248	
Qy	252	YSTAVSVILOPPSPSKDQGMVSLFYIGIAPMNLIIYTLRNKEVKEGPKRLVARVF	309	
Db	249	YLPATVYLOPPSPSSYQEQKFLISFYIITPTINFTYTLRNKMKGALLRLIARIW	306	

RESULT 2
US-09-524-730-2

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; Sequence 2, Application US/09524730
; Patent No. 6638733
; GENERAL INFORMATION:
; APPLICANT: Powers, Scott
; APPLICANT: Yang, Jianxin
; APPLICANT: Cutler, Gene
; APPLICANT: Tularik Inc.
; TITLE OF INVENTION: No. 6638733el G-Protein Coupled Receptors
; FILE REFERENCE: 018781-0047100S
; CURRENT APPLICATION NUMBER: US/09/524,730
; CURRENT FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 2
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-524-730-2

Query Match      58.4%; Score 939; DB 4; Length 310;
Best Local Similarity 58.7%; Pred. No. 4.8e-75;
Matches 175; Conservative 50; Mismatches 73; Indels 0; Gaps 0;

QY 12 FILLGSDRPWLEFLLVFLISYTVTFGNLTIIIVSRDLTKLHTPMYFFLTNLSL 71
DB 12 FILLGSDRPWLEFLLVFLISYTVTFGNLTIIIVSRDLTKLHTPMYFFLTNLSL 71
QY 9 FILLGSDRPWLEFLLVFLISYTVTFGNLTIIIVSRDLTKLHTPMYFFLTNLSL 68
DB 9 FILLGSDRPWLEFLLVFLISYTVTFGNLTIIIVSRDLTKLHTPMYFFLTNLSL 68
QY 72 CYTTCTVPQMLVNLCSIRKVISYRCVQAQLFIFLALGATEYLLAVMSDFWV 131
DB 72 CYTTCTVPQMLVNLCSIRKVISYRCVQAQLFIFLALGATEYLLAVMSDFWV 131
QY 69 CYTTCTVPQMLVNLCSIRKVISYRCVQAQLFIFLALGATEYLLAVMSDFWV 128
DB 69 CYTTCTVPQMLVNLCSIRKVISYRCVQAQLFIFLALGATEYLLAVMSDFWV 128
QY 132 YSVIMHQRCLQALAAASWVTGFSNSWMLSTLTQLPLCDPYPVIDHFLCEVPAL 191
DB 132 YSVIMHQRCLQALAAASWVTGFSNSWMLSTLTQLPLCDPYPVIDHFLCEVPAL 191
QY 129 YAVLMHQRCLQALAAASWVTGFSNSWMLSTLTQLPLCDPYPVIDHFLCEVPAL 188
DB 129 YAVLMHQRCLQALAAASWVTGFSNSWMLSTLTQLPLCDPYPVIDHFLCEVPAL 188
QY 192 TYANAEELFVSELPHLPLTLILISYAFIVRAVLRIQSAEGRQKAFGTCGSH 251
DB 192 TYANAEELFVSELPHLPLTLILISYAFIVRAVLRIQSAEGRQKAFGTCGSH 251
QY 189 TAMNTILAVFAVFLVPLAILLISYGFIAVLRIQSAEGRQKAFGTCGSH 248
DB 189 TAMNTILAVFAVFLVPLAILLISYGFIAVLRIQSAEGRQKAFGTCGSH 248
QY 252 YSTAVSVYLQPPSSKQGGKQWVSIFYGIIAPMLNPLIYTLNKEVKEGFKRL 309
DB 252 YSTAVSVYLQPPSSKQGGKQWVSIFYGIIAPMLNPLIYTLNKEVKEGFKRL 309
QY 249 YLPAYMYLQPPSSYSEQGGKQWVSIFYGIIAPMLNPLIYTLNKEVKEGFKRL 306
DB 249 YLPAYMYLQPPSSYSEQGGKQWVSIFYGIIAPMLNPLIYTLNKEVKEGFKRL 306

RESULT 3
US-09-546-986A-8
; Sequence 8, Application US/09546986A
; Patent No. 6635741
; GENERAL INFORMATION:
; APPLICANT: Powers, Scott
; APPLICANT: Yang, Jianxin
; APPLICANT: Cutler, Gene
; APPLICANT: Tularik Inc.
; TITLE OF INVENTION: No. 6635741el G-Protein Coupled Receptors
; FILE REFERENCE: 018781-0047200S
; CURRENT APPLICATION NUMBER: US/09/546,986A
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 09/524,730
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 8
; LENGTH: 334
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-546-986A-8

Query Match      54.9%; Score 883; DB 4; Length 334;
Best Local Similarity 56.8%; Pred. No. 4.5e-70;
Matches 172; Conservative 53; Mismatches 78; Indels 0; Gaps 0;

QY 5 NDSIIQEFILLGSDRPWLEFLLVFLISYTVTFGNLTIIIVSRDLTKLHTPMYFFLT 64
DB 5 NDSIIQEFILLGSDRPWLEFLLVFLISYTVTFGNLTIIIVSRDLTKLHTPMYFFLT 64
QY 25 NESNLGAFILLGSDYAOQLQKLVFLILLYLLTILGNTTIIIVSRLEPKLHMPYFFLS 84
DB 25 NESNLGAFILLGSDYAOQLQKLVFLILLYLLTILGNTTIIIVSRLEPKLHMPYFFLS 84
QY 65 NLSLLDLCTTCTVPQMLVNLCSIRKVISYRCVQAQLFIFLALGATEYLLAVMSDFWV 124
DB 65 NLSLLDLCTTCTVPQMLVNLCSIRKVISYRCVQAQLFIFLALGATEYLLAVMSDFWV 124
QY 85 HLSFLYRCFTSSVIPQLLVNLEPMKTIAYGGCLVHLNYSHALGSTECVLPALMSCDRYV 144
DB 85 HLSFLYRCFTSSVIPQLLVNLEPMKTIAYGGCLVHLNYSHALGSTECVLPALMSCDRYV 144
QY 125 AICRPLHYSVMHQRCLQALAAASWVTGFSNSWMLSTLTQLPLCDPYPVIDHFLCEVPAL 184
DB 125 AICRPLHYSVMHQRCLQALAAASWVTGFSNSWMLSTLTQLPLCDPYPVIDHFLCEVPAL 184
QY 145 AVCRLPHYTVLMHILHLCMALASWMLSGIATTLVQSTLTQLPFCGHRQVDFHICBVPVL 204
DB 145 AVCRLPHYTVLMHILHLCMALASWMLSGIATTLVQSTLTQLPFCGHRQVDFHICBVPVL 204
QY 185 LKLSCVETTANAEELFVSELPHLPLTLILISYAFIVRAVLRIQSAEGRQKAFGTCGSH 244
DB 185 LKLSCVETTANAEELFVSELPHLPLTLILISYAFIVRAVLRIQSAEGRQKAFGTCGSH 244
QY 205 IKLACVGTTFNEAEELFVSELPHLPLTLILISYAFIVRAVLRIQSAEGRQKAFGTCF 264
DB 205 IKLACVGTTFNEAEELFVSELPHLPLTLILISYAFIVRAVLRIQSAEGRQKAFGTCF 264
QY 245 LIVVSLFYSTAVSVYLQPPSSKQGGKQWVSIFYGIIAPMLNPLIYTLNKEVKEGFKRL 304
DB 245 LIVVSLFYSTAVSVYLQPPSSKQGGKQWVSIFYGIIAPMLNPLIYTLNKEVKEGFKRL 304
QY 265 LTAVTIFYGTIIIFMYLQPAKRSRQGGKQWVSIFYGIIAPMLNPLIYTLNKEVKEGFKRL 324
DB 265 LTAVTIFYGTIIIFMYLQPAKRSRQGGKQWVSIFYGIIAPMLNPLIYTLNKEVKEGFKRL 324
QY 305 VAR 307
DB 305 VAR 307
QY 325 LAK 327
DB 325 LAK 327

RESULT 4
US-09-524-730-8
; Sequence 8, Application US/09524730
; Patent No. 6638733
; GENERAL INFORMATION:
; APPLICANT: Powers, Scott
; APPLICANT: Yang, Jianxin
; APPLICANT: Cutler, Gene
; APPLICANT: Tularik Inc.
; TITLE OF INVENTION: No. 6638733el G-Protein Coupled Receptors
; FILE REFERENCE: 018781-0047100S
; CURRENT APPLICATION NUMBER: US/09/524,730
; CURRENT FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 8
; LENGTH: 334
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-524-730-8

Query Match      54.9%; Score 883; DB 4; Length 334;
Best Local Similarity 56.8%; Pred. No. 4.5e-70;
Matches 172; Conservative 53; Mismatches 78; Indels 0; Gaps 0;

QY 5 NDSIIQEFILLGSDRPWLEFLLVFLISYTVTFGNLTIIIVSRDLTKLHTPMYFFLT 64
DB 5 NDSIIQEFILLGSDRPWLEFLLVFLISYTVTFGNLTIIIVSRDLTKLHTPMYFFLT 64
QY 25 NESNLGAFILLGSDYAOQLQKLVFLILLYLLTILGNTTIIIVSRLEPKLHMPYFFLS 84
DB 25 NESNLGAFILLGSDYAOQLQKLVFLILLYLLTILGNTTIIIVSRLEPKLHMPYFFLS 84
QY 65 NLSLLDLCTTCTVPQMLVNLCSIRKVISYRCVQAQLFIFLALGATEYLLAVMSDFWV 124
DB 65 NLSLLDLCTTCTVPQMLVNLCSIRKVISYRCVQAQLFIFLALGATEYLLAVMSDFWV 124
QY 85 HLSFLYRCFTSSVIPQLLVNLEPMKTIAYGGCLVHLNYSHALGSTECVLPALMSCDRYV 144
DB 85 HLSFLYRCFTSSVIPQLLVNLEPMKTIAYGGCLVHLNYSHALGSTECVLPALMSCDRYV 144
QY 125 AICRPLHYSVMHQRCLQALAAASWVTGFSNSWMLSTLTQLPLCDPYPVIDHFLCEVPAL 184
DB 125 AICRPLHYSVMHQRCLQALAAASWVTGFSNSWMLSTLTQLPLCDPYPVIDHFLCEVPAL 184
QY 145 AVCRLPHYTVLMHILHLCMALASWMLSGIATTLVQSTLTQLPFCGHRQVDFHICBVPVL 204
DB 145 AVCRLPHYTVLMHILHLCMALASWMLSGIATTLVQSTLTQLPFCGHRQVDFHICBVPVL 204
QY 185 LKLSCVETTANAEELFVSELPHLPLTLILISYAFIVRAVLRIQSAEGRQKAFGTCGSH 244
DB 185 LKLSCVETTANAEELFVSELPHLPLTLILISYAFIVRAVLRIQSAEGRQKAFGTCGSH 244
QY 205 IKLACVGTTFNEAEELFVSELPHLPLTLILISYAFIVRAVLRIQSAEGRQKAFGTCF 264
DB 205 IKLACVGTTFNEAEELFVSELPHLPLTLILISYAFIVRAVLRIQSAEGRQKAFGTCF 264
QY 245 LIVVSLFYSTAVSVYLQPPSSKQGGKQWVSIFYGIIAPMLNPLIYTLNKEVKEGFKRL 304
DB 245 LIVVSLFYSTAVSVYLQPPSSKQGGKQWVSIFYGIIAPMLNPLIYTLNKEVKEGFKRL 304
QY 265 LTAVTIFYGTIIIFMYLQPAKRSRQGGKQWVSIFYGIIAPMLNPLIYTLNKEVKEGFKRL 324
DB 265 LTAVTIFYGTIIIFMYLQPAKRSRQGGKQWVSIFYGIIAPMLNPLIYTLNKEVKEGFKRL 324
QY 305 VAR 307
DB 305 VAR 307
QY 325 LAK 327
DB 325 LAK 327
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RESULT 5		US-09-546-986A-6	
; Sequence 6, Application US/09546986A			
; Patent No. 6635741			
; GENERAL INFORMATION:			
; APPLICANT: Powers, Scott			
; APPLICANT: Yang, Jianxin			
; APPLICANT: Cutler, Gene			
; APPLICANT: Tularik Inc.			
; TITLE OF INVENTION: No. 6635741el G-Protein Coupled Receptors			
; FILE REFERENCE: 018781-004720US			
; CURRENT APPLICATION NUMBER: US/09/546,986A			
; CURRENT FILING DATE: 2002-04-30			
; PRIOR APPLICATION NUMBER: US 09/524,730			
; PRIOR FILING DATE: 2000-03-14			
; NUMBER OF SEQ ID NOS: 16			
; SOFTWARE: PatentIn Ver. 2.1			
; SEQ ID NO 6			
; LENGTH: 340			
; TYPE: PRT			
; ORGANISM: Homo sapiens			
US-09-546-986A-6			
Query Match		54.7%; Score 879; DB 4; Length 340;	
Best Local Similarity		56.7%; Pred. No. 1e-69;	
Matches 173; Conservative 46; Mismatches 86; Indels 0; Gaps 0;			
Qy	1	MNWNDSIIQRFILLGSDRPMLEPPLLVFELISYTVTFGNLTIIILVSRDLTKLHTPMY	60
Db	22	MEIANVSSPEVFLGLGFSARESLTVFIVVLSFVWSILGNGLIIILVSHTDVHLHTPMY	81
Qy	61	FFLTNLSLLDLCYTTCTVPQMLNLCISRKVIISRGCVQAQLFIFALGATEYLLIAVMSF	120
Db	82	FFLANLSFLDMSFTTSIVPQLANLWGPQKTSISYGGCVQFYISHWLGAECVLLATMSY	141
Qy	121	DWFVAICRPLHYSYIMHORLCLQAAASWVTGFSNWSMLSTLTQLPLCDPVVIDHPLCE	180
Db	142	DRYAAICRPLHYTVMHPQLCGIALASWLGSLTTSWGSTLTWMLPLCGNNCIDHFFCE	201
Qy	181	VPALLKLSCVETTANAEELFVLSELPHIPIPTLILISYAFIVRAVIRIQSAEGRQKAFGT	240
Db	202	MPLIMQLACVDTSLNEMEMYLASEFVVVLPLGLIILVSYGHIAVAVLKIRSAEGRKKAFT	261
Qy	241	CGSHLIUVSYFYSTAVSYVLOPPSPSSKDGKMWSLFGIITAPMLNPLIYTIIRNKEVKEG	300
Db	262	CSSHVAVWSLFGYSIIFMYLQPAKSTSHSQKFIALFYVVTPALNPLIYTIIRNTEVESA	321
Qy	301	FKRLV 305	
Db	322	LRHMV 326	
RESULT 6			
US-09-524-730-6			
; Sequence 6, Application US/09524730			
; Patent No. 6638733			
; GENERAL INFORMATION:			
; APPLICANT: Powers, Scott			
; APPLICANT: Yang, Jianxin			
; APPLICANT: Cutler, Gene			
; APPLICANT: Tularik Inc.			
; TITLE OF INVENTION: No. 6638733el G-Protein Coupled Receptors			
; FILE REFERENCE: 018781-004710US			
; CURRENT APPLICATION NUMBER: US/09/524,730			
; CURRENT FILING DATE: 2000-03-14			
; NUMBER OF SEQ ID NOS: 16			
; SOFTWARE: PatentIn Ver. 2.1			
; SEQ ID NO 6			
; LENGTH: 340			
; TYPE: PRT			
; ORGANISM: Homo sapiens			
US-09-524-730-6			

[illegible]

RESULT 8

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US-09-524-730-4
; Sequence 4, Application US/09524730
; Patent No. 6638733
; GENERAL INFORMATION:
; APPLICANT: Powers, Scott
; APPLICANT: Yang, Jianxin
; APPLICANT: Cutler, Gene
; APPLICANT: Tularik Inc.
; TITLE OF INVENTION: NO. 6638733el G-Protein Coupled Receptors
; FILE REFERENCE: 018781-004710US
; CURRENT APPLICATION NUMBER: US/09/524,730
; CURRENT FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 331
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-524-730-4

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RESULT 9

US-08-988-876-5
; Sequence 5, Application US/089888976
; Patent No. 6063596
; GENERAL INFORMATION:
; APPLICANT: Lal, Preeti
; APPLICANT: Bandman, Olga
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Yue, Henry
; TITLE OF INVENTION: G PROTEIN COUPLED RECEPTORS ASSOCIATED
; TITLE OF INVENTION: WITH IMMUNE RESPONSE
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
;

```

? CITY: Palo Alto
? STATE: CA
? COUNTRY: USA
? ZIP: 94304
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Diskette
? COMPUTER: IBM Compatible
? OPERATING SYSTEM: DOS
? SOFTWARE: FastSeq for Windows Version 2.0
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/988,876
? FILING DATE: Herewith
? CLASSIFICATION:
? PRIOR APPLICATION DATA:
? APPLICATION NUMBER:
? FILING DATE:
? ATTORNEY/AGENT INFORMATION:
? NAME: Billings, Lucy J.
? REGISTRATION NUMBER: 36,749
? REFERENCE/DOCKET NUMBER: PF-0441 US
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: 650-855-0555
? TELEFAX: 650-845-4166
? TELEX:
? INFORMATION FOR SEQ ID NO: 5:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 309 amino acids
? TYPE: amino acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? IMMEDIATE SOURCE:
? LIBRARY: GenBank
? CLONE: 1314667
? US-08-988-876-5

Query Match 43.0%; Score 691; DB 3; Length 309;
Best Local Similarity 45.0%; Pred. No. 3.4e-53;
Matches 134; Conservative 55; Mismatches 109; Indels 0; Gaps 0;

Qy 1 MWNVDSITQEFILLGFSRDPWLEFFLLVFLVLSIVTTFGNLTILVSRDLTKLHTPMY 60
Db 1 MELENDTRIPFELLGFSBEPKLPQELFGFLSMVLVTILGNLLILAVSSDLSHLTPMY 60

Qy 61 FFLTNLSLLDLCTTCTVPQMLVNLCSIRKVISYRCGVAQLRIFLAGATEYLLAVMSF 120
Db 61 FFLANLSFVDICFTCTTIPKMLVNIQTKRVITYESCIIQMFFELFAGIDNFLTVMAY 120

Qy 121 DWFVAICRPLHYSVMHQRLCQLAAASWVTGFSNWLSTLTQLPLCDPVVIDHFLCE 180
Db 121 DRYMAICPLHYVMVNNPQLCSLLLVSVMSALHSLQLTMLVRLSFCFTHQIPHFCE 180

Qy 181 VPALLKLSCVETTANAEALFLVSELPHLPLPLILISYAFIVRAVURIQSAEGRQKAFGT 240
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Qy 241 CGSHLTVSILFYSTAVSVYLQPPSPSSKDGKMWSLFYGIIAPMLNPLIYTLRNKEVK 298
Db 241 CASHLSVSLFYCTSLGVLYSSAAPSTHSSVASVMYTVTPMLNPFYISLRNKDIIK 298

RESULT 10
US-08-988-876-7
? Sequence 7, Application US/08988876
? Patent No. 6063596
? GENERAL INFORMATION:
? APPLICANT: Lal, Preeti
? APPLICANT: Bandman, Olga
? APPLICANT: Hillman, Jennifer L.
? APPLICANT: Yue, Henry
? TITLE OF INVENTION: G PROTEIN COUPLED RECEPTORS ASSOCIATED
? TITLE OF INVENTION: WITH IMMUNE RESPONSE
? NUMBER OF SEQUENCES: 9
? CORRESPONDENCE ADDRESS:

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; ADDRESSEE: Incyte Pharmaceuticals, Inc.
 ; STREET: 3174 Porter Drive
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FASTSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/988,876
 ; FILING DATE: Herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.
 ; REGISTRATION NUMBER: 36,749
 ; REFERENCE/DOCKET NUMBER: PF-0441 US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 650-855-0555
 ; TELEFAX: 650-845-4166
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 7:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 314 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; IMMEDIATE SOURCE:
 ; LIBRARY: GenBank
 ; CLONE: 32086
 ; US-08-988-876-7

Query Match 40.8%; Score 655; DB 3; Length 314;
 Best Local Similarity 43.5%; Pred. No. 5.1e-50;
 Matches 131; Conservative 61; Mismatches 109; Indels 0; Gaps 0;
 QY 5 NDSIIQIFILLGFSRDRPWLFPFLVFLISYTVTFIGNLTIILVSRLDTKLHTPMYFFLT 64
 Db 5 NQTSISDFLLGLPIQEQQNLCVALFLMYLTLLGNLLIIVLRDLSHLHTPMYFLS 64
 QY 65 NLSLLDLCYTTCTVPMVNLCSIRKVISYRGCAQLFIFALGATEYLLAVMSDFV 124
 Db 65 NLSFSDLCFSSTIPKLLQNNQNDSPYADCLTQMYFFLLFGDLESFLLVAMAYDRV 124
 QY 125 AICRPLHYVIMHORLCLQAAASWVTGFSNVWLSTLTQLPLCDPYVIDHFLCEVPAL 184
 Db 125 AICFPLHYAIMGPLCLALVALSWLTTTHAMLIHTLLMARLCAQDNVIPHFCDSAL 184
 QY 185 LKLSCVETTANAEFLVSELFHLIPLTILISYAFIVRAVLRIOQSAEGROKAFGTCGSH 244
 Db 185 LKLAFTDRVNEWIFIMGILLIPLILLIGSVARIVSSILKVPSSKGICKAESTCGSH 244
 QY 245 LIVVSLPYSTAVSYLOPPSPSSKQCKMVSFLFGIIPMLNPLIYTLRNKEVKEGFKRL 304
 Db 245 LSVVSLFYGTGIVGLYLCSSANSTLKDTVMAMMYTVVTVMNPFYISLRNDRMKGALSrv 304
 QY 305 V 305
 Db 305 I 305

RESULT 11
 US-08-748-506-18
 ; Sequence 18, Application US/08748506
 ; Patent No. 6159707
 ; GENERAL INFORMATION:
 ; APPLICANT: Ronnett et al.
 ; TITLE OF INVENTION: NOVEL SPERM RECEPTORS

; NUMBER OF SEQUENCES: 31
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Leydig, Voit & Mayer, Ltd.
 ; STREET: Two Prudential Plaza, Suite 4900
 ; CITY: Chicago
 ; STATE: IL
 ; COUNTRY: US
 ; ZIP: 60601-6780
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/748,506
 ; FILING DATE: 08-NOV-1996
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 60/033,751
 ; FILING DATE: 09-NOV-1995
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; REFERENCE/DOCKET NUMBER: 74940
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 312-616-5600
 ; TELEFAX: 312-616-5700
 ; INFORMATION FOR SEQ ID NO: 18:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 321 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: protein
 ; US-08-748-506-18

Query Match 40.7%; Score 654.5; DB 3; Length 321;
 Best Local Similarity 44.7%; Pred. No. 5.8e-50;
 Matches 135; Conservative 48; Mismatches 118; Indels 1; Gaps 1;
 QY 3 WNDISI-IQFILLGFSRDRPWLFPFLVFLISYTVTFIGNLTIILVSRLDTKLHTPMYF 61
 Db 8 WQENSLTVKHFAKFEVPGECFLFNLLPLVSLTGNILVLAICTSPSLHTPMYF 67
 QY 62 FLNLSLLDLCYTTCTVPMVNLCSIRKVISYRGCAQLFIFALGATEYLLAVMSDF 121
 Db 68 FLNLSLLEIGYTCVTPKMLQSLVSEARISREGCATQMFEEAFGITECCLLAAMAFD 127
 QY 122 WFVAICRPLHYVIMHORLCLQAAASWVTGFSNVWLSTLTQLPLCDPYVIDHFLCEV 181
 Db 128 RWMAICSPHYATMSREVCALHAIYVSWGMCIVSLGQTNFISLNFEGCEIDHFFCDL 187
 QY 182 PALKLSCVETTANAEFLVSELFHLIPLTILISYAFIVRAVLRIOQSAEGROKAFGTC 241
 Db 188 PLLALACGTSQNEAIFVAVVAVLCISPELLIYSYVKILIAVLLMPSPEGRKALSTC 247
 QY 242 GSHLVVSLPYSTAVSYLOPPSPSSKQCKMVSFLFGIIPMLNPLIYTLRNKEVKEGF 301
 Db 248 SSHLVVTLFYGSACITLPRKPSHSGMDKFLALFYTVVTSMNPLIYSLRNKEVKAAL 307
 QY 302 KR 303
 Db 308 RR 309

RESULT 12
 US-08-748-506-10
 ; Sequence 10, Application US/08748506
 ; Patent No. 6159707
 ; GENERAL INFORMATION:
 ; APPLICANT: Ronnett et al.
 ; TITLE OF INVENTION: NOVEL SPERM RECEPTORS
 ; NUMBER OF SEQUENCES: 31
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Leydig, Voit & Mayer, Ltd.

STREET: Two Prudential Plaza, Suite 4900
CITY: Chicago
STATE: IL

COUNTRY: US

ZIP: 60601-6780

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/748,506

FILING DATE: 08-NOV-1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/033,751

FILING DATE: 09-NOV-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

REFERENCE/DOCKET NUMBER: 74940

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-616-5600

TELEFAX: 312-616-5700

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 321 amino acids

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-748-506-10

Query Match 40.5%; Score 651.5; DB 3; Length 321;

Best Local Similarity 44.7%; Pred. No. 1.1e-49;

Matches 135; Conservative 47; Mismatches 119; Indels 1; Gaps 1;

QY 3 WYNDGI-IOEFILLGFSRPMLEFFLLVVLFLSYVTTFIGNLTIIIVSLDYLKHPMYF 61
Db 8 WQENSLTVKHFAFAKSEVPGCFLLFNILLMPLVSLTGNLTIIIVSLDYLKHPMYF 67
QY 62 FNTNLSLLDLCTTCTVCPQMLVNLCSIRKVIYRGCAQLFIFLALGATEYLLAVMSFD 121
Db 68 FLANLSLEIGTCTSVIPKMLQSLVSEARGISWEGCASQMFPIFGITECCLLAAMAFD 127
QY 122 WFAVACRPLHYVIMHQRCLQLAAASWVTGFSNVLSTLTQLPLCDPYVIDHFLCEV 181
Db 128 RMAVICSPLHYATRMRSREVCALIAVSWMGCVISLGQTNFISLNFNFCGPEIDHFFCDL 187
QY 182 PALLKLSCVETTANAEFLVSELPHLIPLTILISYAFIVRAVLRIQSAEGRQKAFGTC 241
Db 188 PLLALACGDTSQNEAIFVAVLCITSSPFLIIYSYVKILIAVLLMPSPEGRHKALSTC 247
QY 242 GSHLIVWSLFYSTAVSVLYQPPSPSKDQGWVSLFYGIIAPMLNPLIYTLRNKEVKEGF 301
Db 248 SHLLVVTILFYGSTATYLRKSSHSHPGVYDKLLALFYTSVTSMNLNPIIYSLRNKEVKAAL 307
QY 302 KR 303
Db 308 RR 309

RESULT 13

US-08-748-506-20

Sequence 20, Application US/08748506

Patent No. 6159707

GENERAL INFORMATION:

APPLICANT: Ronnett et al.

TITLE OF INVENTION: NOVEL SPERM RECEPTORS

NUMBER OF SEQUENCES: 31

CORRESPONDENCE ADDRESS:

ADDRESSEE: Leydig, Voigt & Mayer, Ltd.

STREET: Two Prudential Plaza, Suite 4900

CITY: Chicago

STATE: IL
COUNTRY: US
ZIP: 60601-6780
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/748,506
FILING DATE: 08-NOV-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/033,751
FILING DATE: 09-NOV-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
REFERENCE/DOCKET NUMBER: 74940
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-616-5600
TELEFAX: 312-616-5700
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 321 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-748-506-20

Query Match 40.3%; Score 647.5; DB 3; Length 321;

Best Local Similarity 42.7%; Pred. No. 2.4e-49;

Matches 134; Conservative 56; Mismatches 121; Indels 3; Gaps 2;

QY 3 WYNDGI-IOEFILLGFSRPMLEFFLLVVLFLSYVTTFIGNLTIIIVSLDYLKHPMYF 61
Db 8 WQENSLTVKHFAFAKSEVPGCFLLFNILLMPLVSLTGNLTIIIVSLDYLKHPMYF 67
QY 62 FNTNLSLLDLCTTCTVCPQMLVNLCSIRKVIYRGCAQLFIFLALGATEYLLAVMSFD 121
Db 68 FLANLSLEIGTCTSVIPKMLQSLVSEARGISWEGCASQMFPIFGITECCLLAAMAFD 127
QY 122 WFAVACRPLHYVIMHQRCLQLAAASWVTGFSNVLSTLTQLPLCDPYVIDHFLCEV 181
Db 128 RMAVICSPLHYATRMRSRGVCAVIAVSWMGCVISLGQTNFISLNFNFCGPEIDHFFCDL 187
QY 182 PALLKLSCVETTANAEFLVSELPHLIPLTILISYAFIVRAVLRIQSAEGRQKAFGTC 241
Db 188 PLLALACGDTSQNEAIFVAVLCITSSPFLIIYSYVKILIAVLLMPSPEGRHKALSTC 247
QY 242 GSHLIVWSLFYSTAVSVLYQPPSPSKDQGWVSLFYGIIAPMLNPLIYTLRNKEVKEGF 301
Db 248 SHLLVVTILFYGSTATYLRKSSHSHPGVYDKLLALFYTSVTSMNLNPIIYSLRNKEVKAAL 307
QY 302 KRLVA--RVFLIKK 313
Db 308 RRTGLKVLTKR 321

RESULT 14

US-09-465-901-48

Sequence 48, Application US/09465901

Patent No. 6492143

GENERAL INFORMATION:

APPLICANT: Reed, Randall

APPLICANT: Iau, King-Wai

APPLICANT: Krautwurst, Dietmar

TITLE OF INVENTION: Olfactory Receptor Expression Libraries

TITLE OF INVENTION: ad Methods of Making and Using Them

FILE REFERENCE: 001107.00105

CURRENT APPLICATION NUMBER: US/09/465,901

CURRENT FILING DATE: 2001-12-17

PRIOR APPLICATION NUMBER: 60/112,605

PRIOR FILING DATE: 1998-12-17

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; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 48
; LENGTH: 313
; TYPE: PRT
; ORGANISM: Mus musculus
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-465-901-48

Query Match      40.2%; Score 646.5; DB 4; Length 313;
Best Local Similarity 41.1%; Pred. No. 2.9e-49;
Matches 125; Conservative 69; Mismatches 109; Indels 1; Gaps 1;

Qy 5 NDSIIQFILLGFSDRPWLFPPLLVVFLHSITVTIFGNLTIIIVSRDLTKLHTPMYFFLT 64
Db 3 NSTVTVEFILLGLSDACELQVLFGLFLLTVFLILGNFLIIFITLVDRRLYTPMYFLR 62

Qy 65 NLSLLDLCYTTCTVPQMLVNLCSIRKVISYRGCVQAQLFIFLALGATEVLLAVMSDFV 124
Db 63 NFAMLEIWFISVFPKMLTNIITGHKTSILGCFQLAPLYFFLGTTFEFLAVMSDFRYV 122

Qy 125 AICRPLHYSVIMHORLCLQAAAAAASWVTGFSNSVWLSTLTQLPLCDPVVIDHFLCEVPAL 184
Db 123 AICNPLAYATIMSKRVCVQLVFCWSMGLLLIIVPSSIVFQQPCGPNINHFCDNFPL 182

Qy 185 LKLSCVETTANAEFLVSELFLHPLILTLISYAFIVRAVLRIQSAEGROKAFGTGSH 244
Db 183 MELICADTSVEFLGFIIVANFSLGLTAVATATCYGHILYTLITPSAKERRKAFSTCSSH 242

Qy 245 LIIVSLFYSTAVSYVLOP-PSPSSKDGQKMSVLFYGIIAIPLNPLIYTLRNKEVKEGFKR 303
Db 243 LIIVSLFYSGCIPMYRSGKNGQEDENKVVALLNTVVTPLNPLIYTLRNKQVQVRE 302

Qy 304 LVAR 307
Db 303 HVSK 306

RESULT 15
US-09-988-876-6
; Sequence 6, Application US/08988876
; Patent No. 6063596
; GENERAL INFORMATION:
; APPLICANT: Lal, Preeti
; APPLICANT: Bandman, Olga
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Yue, Henry
; TITLE OF INVENTION: G PROTEIN COUPLED RECEPTORS ASSOCIATED
; TITLE OF INVENTION: WITH IMMUNE RESPONSE
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/988,876
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749

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; REFERENCE/DOCKET NUMBER: PF-0441 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-855-0555
; TELEFAX: 650-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 333 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 205814
; US-08-988-876-6

Query Match      40.1%; Score 645; DB 3; Length 333;
Best Local Similarity 40.9%; Pred. No. 4.2e-49;
Matches 124; Conservative 62; Mismatches 117; Indels 0; Gaps 0;

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Db 1 MDSSNRTRVSEFLLGFSVENKDLQPLIYGLFSLMYLTVIGNISIIIVAIISDPCLHTPMY 60

Qy 61 FFLTNLSLLDLCYTTCTVPQMLVNLCSIRKVISYRGCVQAQLFIFLALGATEVLLAVMSF 120
Db 61 FFLSNLSFVDICFISTTVPKMLVNIQTQNNVITYAGCITQIYFFLLFVLDNFLTITMAY 120

Qy 121 DMFVAICRPLHYSVIMHORLCLQAAAAAASWVTGFSNSVWLSTLTQLPLCDPVVIDHFLCE 180
Db 121 DRYVAICHPMYIYVIMYKLGFLVLSVIVSUVHAFQSLMMLALPFTHLEIPHFCE 180

Qy 181 VPALLKLSCVETTANAEAEFLVSELFLHPLILTLISYAFIVRAVLRIQSAEGROKAFGT 240
Db 181 PNQVIQLTCSDAFLNDLVIVFTLVLLATVPLAGIFYSYFKIVSSICAISVHGVKXKAFST 240

Qy 241 CGSHLIIVSLFYSTAVSYVLOPSPSSKDGQKMSVLFYGIIAIPLNPLIYTLRNKEVKEG 300
Db 241 CASHLSVYSLFYCTGLGVLSAANNSSQASATASVMYVTVMVNPFIYSLRNKDKVSV 300

Qy 301 FKR 303
Db 301 LKK 303

Search completed: November 23, 2004, 18:23:59
Job time : 22 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 23, 2004, 18:21:10 ; Search time 141 Seconds

(without alignments)
786.113 Million cell updates/sec

Title: US-09-800-321A-4

Perfect score: 1607

Sequence: 1 MNWVNDIIIEFILLGFSR.....NKEVKEGFKLVARVFLIKK 313

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1570615 seqs, 354127592 residues

Total number of hits satisfying chosen parameters: 1570615

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:*

- 1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
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- 11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
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- 13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
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- 17: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep.*
- 19: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	1607	100.0	313	10	US-09-800-321A-4
2	1593	99.1	313	9	US-09-755-017-2
3	1593	99.1	313	10	US-09-800-321A-2
4	1593	99.1	313	10	US-09-800-321A-34
5	1593	99.1	313	10	US-09-795-271-74
6	1593	99.1	313	14	US-10-005-041A-51
7	1593	99.1	313	15	US-10-343-650A-302
8	1586	98.7	313	10	US-09-800-321A-6
9	1299	80.8	357	10	US-09-800-321A-35
10	1299	80.8	357	10	US-09-795-271-75
11	1299	80.8	357	10	US-09-907-218-46
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13	1299	80.8	357	10	US-09-912-976-63

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16	1299	80.8	357	14	US-10-005-041A-109
17	1295	80.6	310	10	US-09-800-321A-36
18	1295	80.6	310	10	US-09-795-271-77
19	1295	80.6	310	10	US-09-907-218-49
20	1295	80.6	310	14	US-10-300-846-34
21	1295	80.6	310	14	US-10-005-041A-49
22	1295	80.6	313	14	US-10-300-846-12
23	1295	80.6	357	10	US-09-800-321A-37
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27	1295	80.6	357	10	US-09-965-422-52
28	1295	80.6	357	14	US-10-032-189-112
29	1295	80.6	357	14	US-10-005-041A-12
30	1295	80.6	357	14	US-10-005-041A-47
31	1295	80.6	357	14	US-10-005-041A-111
32	1295	80.6	357	14	US-09-779-679-62
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35	1259	78.3	313	10	US-09-907-218-79
36	1259	78.3	313	10	US-09-912-976-62
37	1259	78.3	313	10	US-09-965-422-44
38	1259	78.3	313	14	US-10-005-041A-50
39	1259	78.3	313	14	US-10-005-041A-108
40	1259	78.3	313	10	US-09-779-679-55
41	1247	77.6	313	10	US-09-800-321A-38
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44	1039.5	64.7	315	14	US-10-023-597-40
45	1039.5	64.7	315	14	US-10-023-597-40

ALIGNMENTS

RESULT 1

US-09-800-321A-4
; Sequence 4, Application US/09800321A
; Publication No. US20030068671A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Burgess, Catherine E
; APPLICANT: Mishra, Vishnu
; APPLICANT: Li, Li
; APPLICANT: Baumgartner, Jason C
; APPLICANT: Majumder, Kumud
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Tchernev, Velizar T
; TITLE OF INVENTION: No. US20030068671A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-703 US
; CURRENT APPLICATION NUMBER: US/09/800,321A
; CURRENT FILING DATE: 2001-03-05
; PRIOR APPLICATION NUMBER: 60/186,606
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/221,942
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 60/260,285
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/220,263
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/257,600
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/187,295
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/219,854
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: 60/187,249
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,247
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,250

;; PRIOR FILING DATE: 2000-03-06
;; PRIOR APPLICATION NUMBER: 60/187,253
;; PRIOR FILING DATE: 2000-03-06
;; PRIOR APPLICATION NUMBER: 60/187,248
;; PRIOR FILING DATE: 2000-03-06
;; PRIOR APPLICATION NUMBER: 60/187,296
;; PRIOR FILING DATE: 2000-03-06
;; PRIOR APPLICATION NUMBER: 60/187,563
;; PRIOR FILING DATE: 2000-03-07
;; NUMBER OF SEQ ID NOS: 78
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 4
;; LENGTH: 313
;; TYPE: PRT
;; ORGANISM: Homo sapiens
US-09-800-321A-4

Query Match 100.0%; Score 1607; DB 10; Length 313;
Best Local Similarity 100.0%; Pred. No. 3.8e-144;
Matches 313; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNVNDSTIQEFLIGFSDRPMLEPPLVFLISYTVTFGNLTILVSRLDTKLHTPMY 60
DB 1 MNVNDSTIQEFLIGFSDRPMLEPPLVFLISYTVTFGNLTILVSRLDTKLHTPMY 60
QY 61 PFLTNLSLLDLCYTTCTVPMVLNLCSTIRKVISYRGCVQAQLFIFALGATEYLLAVMSF 120
DB 61 PFLTNLSLLDLCYTTCTVPMVLNLCSTIRKVISYRGCVQAQLFIFALGATEYLLAVMSF 120
QY 121 DMFVAICRPLHYSVIMHQRCLQLAAASWVTGFSNSVMSLTTLTQLPLCDPVVIDHFLCE 180
DB 121 DMFVAICRPLHYSVIMHQRCLQLAAASWVTGFSNSVMSLTTLTQLPLCDPVVIDHFLCE 180
QY 181 VPALKLSCVETTANEAEFLVSELFHLIPLTLILISYAFIVRAVLRIQSAGROKAFGT 240
DB 181 VPALKLSCVETTANEAEFLVSELFHLIPLTLILISYAFIVRAVLRIQSAGROKAFGT 240
QY 241 CGSHLIVVSLFSTAVSVYVLPSPSSKDDQGMVSLFYGIIAPMLNPLIYTLRNKEVKEG 300
DB 241 CGSHLIVVSLFSTAVSVYVLPSPSSKDDQGMVSLFYGIIAPMLNPLIYTLRNKEVKEG 300
QY 301 FKRLVARVFLIKK 313
DB 301 FKRLVARVFLIKK 313

RESULT 2
US-09-755-017-2
;; Sequence 2, Application US/09755017
;; Patent No. US20010034438A1
;; GENERAL INFORMATION:
;; APPLICANT: Walke, D. Wade
;; APPLICANT: Wilganowski, Nathaniel
;; APPLICANT: Turner, C. Alexander Jr.
;; APPLICANT: Friedrich, Glenn
;; APPLICANT: Abuin, Alejandro
;; APPLICANT: Zambrowicz, Brian
;; APPLICANT: Sands, Arthur T.
;; TITLE OF INVENTION: No. US20010034438A1 Human Membrane Proteins and
;; TITLE OF INVENTION: Polynucleotides Encoding the Same
;; FILE REFERENCE: LEX-0115-USA
;; CURRENT APPLICATION NUMBER: US/09/755,017
;; CURRENT FILING DATE: 2001-01-05
;; PRIOR APPLICATION NUMBER: US 60/175,764
;; PRIOR FILING DATE: 2000-01-12
;; NUMBER OF SEQ ID NOS: 3
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 2
;; LENGTH: 313
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-09-755-017-2

Query Match 99.1%; Score 1593; DB 9; Length 313;
Best Local Similarity 99.7%; Pred. No. 8.1e-143;
Matches 312; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNVNDSTIQEFLIGFSDRPMLEPPLVFLISYTVTFGNLTILVSRLDTKLHTPMY 60
DB 1 MNVNDSTIQEFLIGFSDRPMLEPPLVFLISYTVTFGNLTILVSRLDTKLHTPMY 60
QY 61 PFLTNLSLLDLCYTTCTVPMVLNLCSTIRKVISYRGCVQAQLFIFALGATEYLLAVMSF 120
DB 61 PFLTNLSLLDLCYTTCTVPMVLNLCSTIRKVISYRGCVQAQLFIFALGATEYLLAVMSF 120
QY 121 DMFVAICRPLHYSVIMHQRCLQLAAASWVTGFSNSVMSLTTLTQLPLCDPVVIDHFLCE 180
DB 121 DMFVAICRPLHYSVIMHQRCLQLAAASWVTGFSNSVMSLTTLTQLPLCDPVVIDHFLCE 180
QY 181 VPALKLSCVETTANEAEFLVSELFHLIPLTLILISYAFIVRAVLRIQSAGROKAFGT 240
DB 181 VPALKLSCVETTANEAEFLVSELFHLIPLTLILISYAFIVRAVLRIQSAGROKAFGT 240
QY 241 CGSHLIVVSLFSTAVSVYVLPSPSSKDDQGMVSLFYGIIAPMLNPLIYTLRNKEVKEG 300
DB 241 CGSHLIVVSLFSTAVSVYVLPSPSSKDDQGMVSLFYGIIAPMLNPLIYTLRNKEVKEG 300
QY 301 FKRLVARVFLIKK 313
DB 301 FKRLVARVFLIKK 313

RESULT 3
US-09-800-321A-2
;; Sequence 2, Application US/09800321A
;; Publication No. US20030068671A1
;; GENERAL INFORMATION:
;; APPLICANT: Padigaru, Muralidhara
;; APPLICANT: Burgess, Catherine E
;; APPLICANT: Mishra, Vishnu
;; APPLICANT: Li, Li
;; APPLICANT: Baumgartner, Jason C
;; APPLICANT: Majumder, Kumud
;; APPLICANT: Spytek, Kimberly A
;; APPLICANT: Tchernev, Velizar T
;; TITLE OF INVENTION: No. US20030068671A1 Proteins and Nucleic Acids Encoding Same
;; FILE REFERENCE: 15966-703 US
;; CURRENT APPLICATION NUMBER: US/09/800,321A
;; CURRENT FILING DATE: 2001-03-05
;; PRIOR APPLICATION NUMBER: 60/186,606
;; PRIOR FILING DATE: 2000-03-03
;; PRIOR APPLICATION NUMBER: 60/221,942
;; PRIOR FILING DATE: 2000-07-31
;; PRIOR APPLICATION NUMBER: 60/260,285
;; PRIOR FILING DATE: 2001-01-08
;; PRIOR APPLICATION NUMBER: 60/220,263
;; PRIOR FILING DATE: 2000-07-24
;; PRIOR APPLICATION NUMBER: 60/257,600
;; PRIOR FILING DATE: 2000-12-21
;; PRIOR APPLICATION NUMBER: 60/187,295
;; PRIOR FILING DATE: 2000-03-06
;; PRIOR APPLICATION NUMBER: 60/219,854
;; PRIOR FILING DATE: 2000-07-21
;; PRIOR APPLICATION NUMBER: 60/187,249
;; PRIOR FILING DATE: 2000-03-06
;; PRIOR APPLICATION NUMBER: 60/187,247
;; PRIOR FILING DATE: 2000-03-06
;; PRIOR APPLICATION NUMBER: 60/187,250
;; PRIOR FILING DATE: 2000-03-06
;; PRIOR APPLICATION NUMBER: 60/187,253
;; PRIOR FILING DATE: 2000-03-06
;; PRIOR APPLICATION NUMBER: 60/187,248
;; PRIOR FILING DATE: 2000-03-06
;; PRIOR APPLICATION NUMBER: 60/187,296
;; PRIOR FILING DATE: 2000-03-06
;; PRIOR APPLICATION NUMBER: 60/187,563

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; PRIOR FILING DATE: 2000-03-07
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 313
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-800-321A-2

Query Match          99.1%; Score 1593; DB 10; Length 313;
Best Local Similarity 99.7%; Pred. No. 8.1e-143;
Matches 312; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MNWVDSIIQEFILLGFSRDPWLEFFLLVVFLLSYVTTFIGNLTIIILVSRDLTKLHTPMY 60
Db 1 MNWVDSIIQEFILLGFSRDPWLEFFLLVVFLLSYVTTFIGNLTIIILVSRDLTKLHTPMY 60

Qy 61 FFLTNLSLLDLCYTTCTVPQMLVNLCSIRKVISYRGCVQALFIFLAGATEYLLAVMSF 120
Db 61 FFLTNLSLLDLCYTTCTVPQMLVNLCSIRKVISYRGCVQALFIFLAGATEYLLAVMSF 120

Qy 121 DWFVAICRPLHYSVIMHQRCLQIAAASWVTGFSNVWLSLTTLQLPLCDPYVIDHFLCE 180
Db 121 DWFVAICRPLHYSVIMHQRCLQIAAASWVTGFSNVWLSLTTLQLPLCDPYVIDHFLCE 180

Qy 181 VPALLKLSCVETTANAEAEFLVSELPHLIPLTLLISYAFIVRAVLRIQSAEGRQKAFGT 240
Db 181 VPALLKLSCVETTANAEAEFLVSELPHLIPLTLLISYAFIVRAVLRIQSAEGRQKAFGT 240

Qy 241 CGSHLIWVSIFYSTAVSVYLPQPSKDGKQKWSVLFYGIAPMLNPLIYTLRNKEVKEG 300
Db 241 CGSHLIWVSIFYSTAVSVYLPQPSKDGKQKWSVLFYGIAPMLNPLIYTLRNKEVKEG 300

Qy 301 FKRLVARVFLIKK 313
Db 301 FKRLVARVFLIKK 313

RESULT 4
US-09-800-321A-34
; Sequence 34, Application US/09800321A
; Publication No. US20030068671A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Burgess, Catherine E
; APPLICANT: Mishra, Vishnu
; APPLICANT: Li, Li
; APPLICANT: Baumgartner, Jason C
; APPLICANT: Majumder, Kumud
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Tchernev, Velizar T
; TITLE OF INVENTION: No. US20030068671A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-703 US
; CURRENT APPLICATION NUMBER: US/09/800,321A
; PRIOR FILING DATE: 2001-03-05
; PRIOR APPLICATION NUMBER: 60/186,606
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/221,942
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 60/260,285
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/220,263
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/257,600
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/187,295
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/219,854
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: 60/187,249
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,247
; PRIOR FILING DATE: 2000-03-06
```

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; PRIOR APPLICATION NUMBER: 60/187,250
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,253
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,248
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,296
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,563
; PRIOR FILING DATE: 2000-03-07
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 313
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-800-321A-34

Query Match          99.1%; Score 1593; DB 10; Length 313;
Best Local Similarity 99.7%; Pred. No. 8.1e-143;
Matches 312; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MNWVDSIIQEFILLGFSRDPWLEFFLLVVFLLSYVTTFIGNLTIIILVSRDLTKLHTPMY 60
Db 1 MNWVDSIIQEFILLGFSRDPWLEFFLLVVFLLSYVTTFIGNLTIIILVSRDLTKLHTPMY 60

Qy 61 FFLTNLSLLDLCYTTCTVPQMLVNLCSIRKVISYRGCVQALFIFLAGATEYLLAVMSF 120
Db 61 FFLTNLSLLDLCYTTCTVPQMLVNLCSIRKVISYRGCVQALFIFLAGATEYLLAVMSF 120

Qy 121 DWFVAICRPLHYSVIMHQRCLQIAAASWVTGFSNVWLSLTTLQLPLCDPYVIDHFLCE 180
Db 121 DWFVAICRPLHYSVIMHQRCLQIAAASWVTGFSNVWLSLTTLQLPLCDPYVIDHFLCE 180

Qy 181 VPALLKLSCVETTANAEAEFLVSELPHLIPLTLLISYAFIVRAVLRIQSAEGRQKAFGT 240
Db 181 VPALLKLSCVETTANAEAEFLVSELPHLIPLTLLISYAFIVRAVLRIQSAEGRQKAFGT 240

Qy 241 CGSHLIWVSIFYSTAVSVYLPQPSKDGKQKWSVLFYGIAPMLNPLIYTLRNKEVKEG 300
Db 241 CGSHLIWVSIFYSTAVSVYLPQPSKDGKQKWSVLFYGIAPMLNPLIYTLRNKEVKEG 300

Qy 301 FKRLVARVFLIKK 313
Db 301 FKRLVARVFLIKK 313

RESULT 5
US-09-795-271-74
; Sequence 74, Application US/09795271
; Publication No. US20030165829A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Majumder, Kumud
; APPLICANT: Burgess, Catherine E
; APPLICANT: Vernhet, Corine A.M
; APPLICANT: Fernandes, Elma
; APPLICANT: Tchernev, Richard A
; APPLICANT: Mishra, Vishnu
; APPLICANT: Casman, Stacie
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Zerhusen, Bryan
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-694
; CURRENT APPLICATION NUMBER: US/09/795,271
; CURRENT FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/185,674
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/185,535
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/186,585
; PRIOR FILING DATE: 2000-03-03
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; PRIOR APPLICATION NUMBER: 60/186,604
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/186,584
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/186,717
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/186,716
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/186,719
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/186,827
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/218,323
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/218,435
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,517
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/223,897
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: 60/260,020
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: 60/264,849
; PRIOR FILING DATE: 2001-01-29
; PRIOR APPLICATION NUMBER: 60/186,715
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 74
; LENGTH: 313
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-795-271-74

Query Match 99.1%; Score 1593; DB 10; Length 313;
Best Local Similarity 99.7%; Pred. No. 8.1e-143;
Matches 312; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 MNWVDSIIQEFILGFSDRPWLFPPLLVFLISYVTTFGNLTILVSRDLTKLHTPMY 60
DB 1 MNWVDSIIQEFILGFSDRPWLFPPLLVFLISYVTTFGNLTILVSRDLTKLHTPMY 60
QY 61 FFLTNLSLLDLCYTTCTVFPQMLVNLCSIRKVISYRCVAQLFIFLAGATEYLLAVMSF 120
DB 61 FFLTNLSLLDLCYTTCTVFPQMLVNLCSIRKVISYRCVAQLFIFLAGATEYLLAVMSF 120
QY 121 DFWAICRPLHYSVIMHQRCLQLAAASWVTGFSNSVWLSTLTQLPLCDPVYIDHFLCE 180
DB 121 DFWAICRPLHYSVIMHQRCLQLAAASWVTGFSNSVWLSTLTQLPLCDPVYIDHFLCE 180
QY 181 VPALLKLSCVETTANEAEFLVSELPHLPLTLILISYAFIVRAVLRIQSAEGRQKAFGT 240
DB 181 VPALLKLSCVETTANEAEFLVSELPHLPLTLILISYAFIVRAVLRIQSAEGRQKAFGT 240
QY 241 CSHLIIWLSLFYSTAVSVYLOPPSPSSKDGKQKMSLFYGIAPMLNPLIYTLRNKEVKEG 300
DB 241 CSHLIIWLSLFYSTAVSVYLOPPSPSSKDGKQKMSLFYGIAPMLNPLIYTLRNKEVKEG 300
QY 301 FKRLVARVFLIKK 313
DB 301 FKRLVARVFLIKK 313

RESULT 6
US-10-005-041A-51
; Sequence 51, Application US/10005041A
; Publication No. US20030232331A1
; GENERAL INFORMATION:
; APPLICANT: Casman, Stacie J
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Burgess, Catherine E
; APPLICANT: Shimkets, Richard A
; APPLICANT: Spytek, Kimberly A

; APPLICANT: Gilbert, Jennifer A
; APPLICANT: Mayotte, Jane E
; APPLICANT: Baumgartner, Jason C
; APPLICANT: Mishra, Vishnu
; APPLICANT: Vernet, Corine AM
; APPLICANT: Dickinson, Kevin S
; APPLICANT: Ballinger, Robert A
; APPLICANT: Wolenc, Adam R
; APPLICANT: Edinger, Shlomit R
; APPLICANT: MacDougall, John R
; APPLICANT: Smithson, Glennda
; APPLICANT: Ellerman, Karen
; APPLICANT: Stone, David J
; APPLICANT: Gunther, Erik
; APPLICANT: Gerlach, Valerie
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-215
; CURRENT APPLICATION NUMBER: US/10/005,041A
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 60/251,459
; PRIOR FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: 60/259,007
; PRIOR FILING DATE: 2000-12-29
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 51
; LENGTH: 313
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-005-041A-51
Query Match 99.1%; Score 1593; DB 14; Length 313;
Best Local Similarity 99.7%; Pred. No. 8.1e-143;
Matches 312; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 MNWVDSIIQEFILGFSDRPWLFPPLLVFLISYVTTFGNLTILVSRDLTKLHTPMY 60
DB 1 MNWVDSIIQEFILGFSDRPWLFPPLLVFLISYVTTFGNLTILVSRDLTKLHTPMY 60
QY 61 FFLTNLSLLDLCYTTCTVFPQMLVNLCSIRKVISYRCVAQLFIFLAGATEYLLAVMSF 120
DB 61 FFLTNLSLLDLCYTTCTVFPQMLVNLCSIRKVISYRCVAQLFIFLAGATEYLLAVMSF 120
QY 121 DFWAICRPLHYSVIMHQRCLQLAAASWVTGFSNSVWLSTLTQLPLCDPVYIDHFLCE 180
DB 121 DFWAICRPLHYSVIMHQRCLQLAAASWVTGFSNSVWLSTLTQLPLCDPVYIDHFLCE 180
QY 181 VPALLKLSCVETTANEAEFLVSELPHLPLTLILISYAFIVRAVLRIQSAEGRQKAFGT 240
DB 181 VPALLKLSCVETTANEAEFLVSELPHLPLTLILISYAFIVRAVLRIQSAEGRQKAFGT 240
QY 241 CSHLIIWLSLFYSTAVSVYLOPPSPSSKDGKQKMSLFYGIAPMLNPLIYTLRNKEVKEG 300
DB 241 CSHLIIWLSLFYSTAVSVYLOPPSPSSKDGKQKMSLFYGIAPMLNPLIYTLRNKEVKEG 300
QY 301 FKRLVARVFLIKK 313
DB 301 FKRLVARVFLIKK 313
RESULT 7
US-10-343-650A-302
; Sequence 302, Application US/10343650A
; Publication No. US20040067499A1
; GENERAL INFORMATION:
; APPLICANT: HAGA, TATSUYA
; TITLE OF INVENTION: NOVEL G-PROTEIN COUPLED RECEPTOR
; FILE REFERENCE: 31671-186347
; CURRENT APPLICATION NUMBER: US/10/343,650A
; CURRENT FILING DATE: 2003-07-21
; PRIOR APPLICATION NUMBER: JP 2000/237818
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: JP 2001/34434

; PRIOR FILING DATE: 2001-02-13
; NUMBER OF SEQ ID NOS: 694
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 302
; LENGTH: 313
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-343-650A-302

Query Match 99.1%; Score 1593; DB 15; Length 313;
Best Local Similarity 99.7%; Pred. No. 8.1e-143;
Matches 312; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNWVNSIIQEFILLGFSRDPWLEFFLLVVFLLSYVTTFIGNLTIIILVSRDLTKLHTPMY 60
DB 1 MNWVNSIIQEFILLGFSRDPWLEFFLLVVFLLSYVTTFIGNLTIIILVSRDLTKLHTPMY 60
QY 61 FFLTNLSLLDLCYTTCTVPQMLVNLCSIRKVISYRGCVQALFIFLALGATEYLLAVMSF 120
DB 61 FFLTNLSLLDLCYTTCTVPQMLVNLCSIRKVISYRGCVQALFIFLALGATEYLLAVMSF 120
QY 121 DWFVAICRPHYSVIMHQRICLQIAAASWVTGFSNSVWMLSTLTILQLPLCDPYVIDHFLCE 180
DB 121 DWFVAICRPHYSVIMHQRICLQIAAASWVTGFSNSVWMLSTLTILQLPLCDPYVIDHFLCE 180
QY 181 VPALLKSLCVETTANAEELFLVSELFLHPLIPLTILISYAFIVRAVLRIQSAEGROKAFGT 240
DB 181 VPALLKSLCVETTANAEELFLVSELFLHPLIPLTILISYAFIVRAVLRIQSAEGROKAFGT 240
QY 241 CGSHLIWSLIFYSTAVSVYLQPPSPSSKDGKMWLSFYGIIAPMLNPLIYTLRNKEVKEG 300
DB 241 CGSHLIWSLIFYSTAVSVYLQPPSPSSKDGKMWLSFYGIIAPMLNPLIYTLRNKEVKEG 300
QY 301 FKRLVARVFLIKK 313
DB 301 FKRLVARVFLIKK 313

RESULT 8

US-09-800-321A-6
; Sequence 6, Application US/09800321A
; Publication No. US20030068671A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Burgess, Catherine E
; APPLICANT: Mishra, Vishnu
; APPLICANT: Li, Li
; APPLICANT: Baumgartner, Jason C
; APPLICANT: Majumder, Kumud
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Tchernev, Velizar T
; TITLE OF INVENTION: No. US20030068671A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-703 US
; CURRENT APPLICATION NUMBER: US/09/800,321A
; CURRENT FILING DATE: 2001-03-05
; PRIOR APPLICATION NUMBER: 60/186,606
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/221,942
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 60/260,285
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/220,263
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/257,600
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/187,295
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/219,954
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: 60/187,249
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,247
; PRIOR FILING DATE: 2000-03-06

; PRIOR APPLICATION NUMBER: 60/187,250
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,253
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,248
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,296
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,563
; PRIOR FILING DATE: 2000-03-07
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 6
; LENGTH: 313
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-800-321A-6

Query Match 98.7%; Score 1586; DB 10; Length 313;
Best Local Similarity 99.0%; Pred. No. 3.8e-142;
Matches 310; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNWVNSIIQEFILLGFSRDPWLEFFLLVVFLLSYVTTFIGNLTIIILVSRDLTKLHTPMY 60
DB 1 MNWVNSIIQEFILLGFSRDPWLEFFLLVVFLLSYVTTFIGNLTIIILVSRDLTKLHTPMY 60
QY 61 FFLTNLSLLDLCYTTCTVPQMLVNLCSIRKVISYRGCVQALFIFLALGATEYLLAVMSF 120
DB 61 FFLTNLSLLDLCYTTCTVPQMLVNLCSIRKVISYRGCVQALFIFLALGATEYLLAVMSF 120
QY 121 DWFVAICRPHYSVIMHQRICLQIAAASWVTGFSNSVWMLSTLTILQLPLCDPYVIDHFLCE 180
DB 121 DWFVAICRPHYSVIMHQRICLQIAAASWVTGFSNSVWMLSTLTILQLPLCDPYVIDHFLCE 180
QY 181 VPALLKSLCVETTANAEELFLVSELFLHPLIPLTILISYAFIVRAVLRIQSAEGROKAFGT 240
DB 181 VPALLKSLCVETTANAEELFLVSELFLHPLIPLTILISYAFIVRAVLRIQSAEGROKAFGT 240
QY 241 CGSHLIWSLIFYSTAVSVYLQPPSPSSKDGKMWLSFYGIIAPMLNPLIYTLRNKEVKEG 300
DB 241 CGSHLIWSLIFYSTAVSVYLQPPSPSSKDGKMWLSFYGIIAPMLNPLIYTLRNKEVKEG 300
QY 301 FKRLVARVFLIKK 313
DB 301 FKRLVARVFLIKK 313

RESULT 9

US-09-800-321A-35
; Sequence 35, Application US/09800321A
; Publication No. US20030068671A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Burgess, Catherine E
; APPLICANT: Mishra, Vishnu
; APPLICANT: Li, Li
; APPLICANT: Baumgartner, Jason C
; APPLICANT: Majumder, Kumud
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Tchernev, Velizar T
; TITLE OF INVENTION: No. US20030068671A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-703 US
; CURRENT APPLICATION NUMBER: US/09/800,321A
; CURRENT FILING DATE: 2001-03-05
; PRIOR APPLICATION NUMBER: 60/186,606
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/221,942
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 60/260,285
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/220,263
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/257,600

```
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/187,295
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/219,854
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: 60/187,249
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,247
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,250
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,253
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,248
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,296
; PRIOR FILING DATE: 2000-03-06
; PRIOR APPLICATION NUMBER: 60/187,563
; PRIOR FILING DATE: 2000-03-07
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 35
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-800-321A-35

Query Match      80.8%; Score 1299; DB 10; Length 357;
Best Local Similarity 81.6%; Pred. No. 7.8e-115;
Matches 253; Conservative 24; Mismatches 33; Indels 0; Gaps 0;

QY      1 MNVNDSTIOEILLGSDRPMLEPPLVVLVFLISYTVTFGNLTILVSRLOTKLTMPY 60
Db      1 MNVNVKSPQEFILLVFSQDPMLEIPPPFVWFLFSVILTFGNLTILVSHVDKLTMPY 60

QY      61 PFLTNLSLDDLCYTTCTVTPQMLVNLCSIRKVISYRGCVAAQLFIFLALGATEYLLAVMSF 120
Db      61 PFLSNLSLDDLCYTTSTVPQMLVNLICNTRKVISYGGCVAAQLFIFLALGSTECLLAVMCF 120

QY      121 DMFVAICRPLHYSVIMHQRCLQLAAASWVTGFSNSVLTSTLQPLCDPVVIDHFLCE 180
Db      121 DRFVAICRPLHYSIIIMHQRCLQLAAASWISGFSNSVLTSTLQPLCGHKEVDHFFCE 180

QY      181 VPALKLSCVETANEAEELFVSELPFLIPLTILISYAFIVRAVLIQSAEGROKAFGT 240
Db      181 VPALKLSCVDTTANEAEELFFISVLPFLIPVTLILISYAFIVQAVLIQSAEGRRKAFGT 240

QY      241 CGSHLIVVSLFYSTAVSVYVLPQPPSSKDGQKMWSLFYGIIAPMLNPLIYTLRNKEVKEG 300
Db      241 CGSHLIVVSLFYGTALSMYLPQPPSSKDRGKMWSLFCGIIAPMLNPLIYTLRNKEVKEA 300

QY      301 FKRLVARVFL 310
Db      301 FKRLVAKSL 310

RESULT 10
US-09-795-271-75
; Sequence 75, Application US/09795271
; Publication No. US20030165829A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muradidhara
; APPLICANT: Majumder, Kumud
; APPLICANT: Burgess, Catherine E
; APPLICANT: Vernet, Corine A.M
; APPLICANT: Fernandes, Elma
; APPLICANT: Shimkets, Richard A
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Mishra, Vishnu
; APPLICANT: Casman, Stacie
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Zerhusen, Bryan
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
```

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; FILE REFERENCE: 15966-694
; CURRENT APPLICATION NUMBER: US/09/795,271
; CURRENT FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/185,674
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/185,535
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/186,585
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/186,604
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/186,584
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/186,717
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/186,716
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/186,719
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/186,827
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/218,323
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/218,435
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: 60/220,517
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/223,897
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: 60/260,020
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: 60/264,849
; PRIOR FILING DATE: 2001-01-29
; PRIOR APPLICATION NUMBER: 60/186,715
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 75
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-795-271-75

Query Match      80.8%; Score 1299; DB 10; Length 357;
Best Local Similarity 81.6%; Pred. No. 7.8e-115;
Matches 253; Conservative 24; Mismatches 33; Indels 0; Gaps 0;

QY      1 MNVNDSTIOEILLGSDRPMLEPPLVVLVFLISYTVTFGNLTILVSRLOTKLTMPY 60
Db      1 MNVNVKSPQEFILLVFSQDPMLEIPPPFVWFLFSVILTFGNLTILVSHVDKLTMPY 60

QY      61 PFLTNLSLDDLCYTTCTVTPQMLVNLCSIRKVISYRGCVAAQLFIFLALGATEYLLAVMSF 120
Db      61 PFLSNLSLDDLCYTTSTVPQMLVNLICNTRKVISYGGCVAAQLFIFLALGSTECLLAVMCF 120

QY      121 DMFVAICRPLHYSVIMHQRCLQLAAASWVTGFSNSVLTSTLQPLCDPVVIDHFLCE 180
Db      121 DRFVAICRPLHYSIIIMHQRCLQLAAASWISGFSNSVLTSTLQPLCGHKEVDHFFCE 180

QY      181 VPALKLSCVETANEAEELFVSELPFLIPLTILISYAFIVRAVLIQSAEGROKAFGT 240
Db      181 VPALKLSCVDTTANEAEELFFISVLPFLIPVTLILISYAFIVQAVLIQSAEGRRKAFGT 240

QY      241 CGSHLIVVSLFYSTAVSVYVLPQPPSSKDGQKMWSLFYGIIAPMLNPLIYTLRNKEVKEG 300
Db      241 CGSHLIVVSLFYGTALSMYLPQPPSSKDRGKMWSLFCGIIAPMLNPLIYTLRNKEVKEA 300

QY      301 FKRLVARVFL 310
Db      301 FKRLVAKSL 310

RESULT 11
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US-09-907-218-46
 ; Application US/09907218
 ; Publication No. US20030166845A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Padigaru, Muralidhara
 ; APPLICANT: Mishra, Vishnu
 ; APPLICANT: Patturajan, Meera
 ; APPLICANT: Tailon, Bruce
 ; APPLICANT: Casman, Stacie J
 ; APPLICANT: Wolenc, Adam Ryan
 ; APPLICANT: Li, Li
 ; APPLICANT: Kevuda, Ramesh
 ; APPLICANT: Spvtek, Kimberly Ann
 ; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
 ; FILE REFERENCE: 21402-061
 ; CURRENT APPLICATION NUMBER: US/09/907,218
 ; CURRENT FILING DATE: 2002-04-04
 ; PRIOR APPLICATION NUMBER: 60/218,746
 ; PRIOR FILING DATE: 2000-07-17
 ; PRIOR APPLICATION NUMBER: 60/260,977
 ; PRIOR FILING DATE: 2001-01-11
 ; PRIOR APPLICATION NUMBER: 60/263,801
 ; PRIOR FILING DATE: 2001-01-24
 ; PRIOR APPLICATION NUMBER: 60/268,226
 ; PRIOR FILING DATE: 2001-02-12
 ; PRIOR APPLICATION NUMBER: 60/271,622
 ; PRIOR FILING DATE: 2001-02-26
 ; NUMBER OF SEQ ID NOS: 89
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 46
 ; LENGTH: 357
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-907-218-46

Query Match 80.8%; Score 1299; DB 10; Length 357;
 Best Local Similarity 81.6%; Pred. No. 7.8e-115;
 Matches 253; Conservative 24; Mismatches 33; Indels 0; Gaps 0;
 QY 1 MNWVNDIIQEFILLGFSRDPWLEFFLLVVLVFLISYTVTFGNLTIIILVSRDLTKLHTPMY 60
 Db 1 MNWVNSVPOEFILLVFSQDPWLEIPFVFMFLFSYLTIFGNLTIIILVSHVDFKLHTPMY 60
 QY 61 FFLTNLSLLDLCYTTCTVPQMLVNLCSIRKVISYRGCAQLFIFLAGATEYLLAVMSF 120
 Db 61 FFLNSLSDLCYTTSTVPQMLVNICNTRKVISYGGCAQLFIFLAGSTECCLLAVMCF 120
 QY 121 DFWAICRPLHYSIVIMHQRCLQALAAASWVTGFSNSVWMLSTLTQLPLCDPYVIDHFLCE 180
 Db 121 DRFVAICRPLHYSIIMHQRCLCFQALAAASWISGFSNSVLQSTWTLKMPLCGHKEVDHFFCE 180
 QY 181 VPALLKLSCVETTANAELEFLVSELFLIPLTILISYAFIVRAVLRIQSAEGRQKAFGT 240
 Db 181 VPALLKLSCVDTTANAELEFFISVLFLLIPVTLILISYAFIVQAVLRIQSAEGRRKAFGT 240
 QY 241 CGSHLIWVSIFYSTAVSVLYQPPSPSSKQCKWMSLFYGIHAPMLNPLIYTLRNKEVKEG 300
 Db 241 CGSHLIWVSIFYGTASIMYLIQPPSPSSKDRGKMSVLCFGLIAPMLNPLIYTLRNKEVKEA 300
 QY 301 FKRLVARVFL 310
 Db 301 FKRLVAKSL 310

RESULT 12
 US-09-912-976-57
 ; Sequence 57, Application US/09912976
 ; Publication No. US20030212255A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Padigaru, Muralidhara
 ; APPLICANT: Mezes, Peter
 ; APPLICANT: Burgess, Catherine
 ; APPLICANT: Casman, Stacie

; APPLICANT: Grosse, William M
 ; APPLICANT: Alsobrook II, John P
 ; APPLICANT: Lepley, Denise M
 ; APPLICANT: Gerlach, Valerie L
 ; APPLICANT: MacDougall, John R
 ; APPLICANT: Smithson, Glennda
 ; APPLICANT: Mishra, Vishnu
 ; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
 ; FILE REFERENCE: 21402-070
 ; CURRENT APPLICATION NUMBER: US/09/912,976
 ; CURRENT FILING DATE: 2001-07-05
 ; PRIOR APPLICATION NUMBER: 60/221,336
 ; PRIOR FILING DATE: 2000-07-26
 ; PRIOR APPLICATION NUMBER: 60/238,333
 ; PRIOR FILING DATE: 2000-10-05
 ; PRIOR APPLICATION NUMBER: 60/260,675
 ; PRIOR FILING DATE: 2001-01-10
 ; PRIOR APPLICATION NUMBER: 60/271,025
 ; PRIOR FILING DATE: 2001-02-22
 ; PRIOR APPLICATION NUMBER: 60/278,164
 ; PRIOR FILING DATE: 2001-03-23
 ; PRIOR APPLICATION NUMBER: 60/280,876
 ; PRIOR FILING DATE: 2001-04-02
 ; NUMBER OF SEQ ID NOS: 99
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 57
 ; LENGTH: 357
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-912-976-57

Query Match 80.8%; Score 1299; DB 10; Length 357;
 Best Local Similarity 81.6%; Pred. No. 7.8e-115;
 Matches 253; Conservative 24; Mismatches 33; Indels 0; Gaps 0;
 QY 1 MNWVNDIIQEFILLGFSRDPWLEFFLLVVLVFLISYTVTFGNLTIIILVSRDLTKLHTPMY 60
 Db 1 MNWVNSVPOEFILLVFSQDPWLEIPFVFMFLFSYLTIFGNLTIIILVSHVDFKLHTPMY 60
 QY 61 FFLTNLSLLDLCYTTCTVPQMLVNLCSIRKVISYRGCAQLFIFLAGATEYLLAVMSF 120
 Db 61 FFLNSLSDLCYTTSTVPQMLVNICNTRKVISYGGCAQLFIFLAGSTECCLLAVMCF 120
 QY 121 DFWAICRPLHYSIVIMHQRCLQALAAASWVTGFSNSVWMLSTLTQLPLCDPYVIDHFLCE 180
 Db 121 DRFVAICRPLHYSIIMHQRCLCFQALAAASWISGFSNSVLQSTWTLKMPLCGHKEVDHFFCE 180
 QY 181 VPALLKLSCVETTANAELEFLVSELFLIPLTILISYAFIVRAVLRIQSAEGRQKAFGT 240
 Db 181 VPALLKLSCVDTTANAELEFFISVLFLLIPVTLILISYAFIVQAVLRIQSAEGRRKAFGT 240
 QY 241 CGSHLIWVSIFYSTAVSVLYQPPSPSSKQCKWMSLFYGIHAPMLNPLIYTLRNKEVKEG 300
 Db 241 CGSHLIWVSIFYGTASIMYLIQPPSPSSKDRGKMSVLCFGLIAPMLNPLIYTLRNKEVKEA 300
 QY 301 FKRLVARVFL 310
 Db 301 FKRLVAKSL 310

RESULT 13
 US-09-912-976-63
 ; Sequence 63, Application US/09912976
 ; Publication No. US20030212255A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Padigaru, Muralidhara
 ; APPLICANT: Mezes, Peter
 ; APPLICANT: Burgess, Catherine
 ; APPLICANT: Casman, Stacie
 ; APPLICANT: Grosse, William M
 ; APPLICANT: Alsobrook II, John P
 ; APPLICANT: Lepley, Denise M
 ; APPLICANT: Gerlach, Valerie L

APPLICANT: MacDougall, John R
APPLICANT: Smithson, Glenda
APPLICANT: Mishra, Vishnu
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-070
CURRENT APPLICATION NUMBER: US/09/912,976
CURRENT FILING DATE: 2001-07-05
PRIOR APPLICATION NUMBER: 60/221,336
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: 60/238,333
PRIOR FILING DATE: 2000-10-05
PRIOR APPLICATION NUMBER: 60/260,675
PRIOR FILING DATE: 2001-01-10
PRIOR APPLICATION NUMBER: 60/271,025
PRIOR FILING DATE: 2001-02-22
PRIOR APPLICATION NUMBER: 60/278,164
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: 60/280,876
PRIOR FILING DATE: 2001-04-02
NUMBER OF SEQ ID NOS: 99
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 63
LENGTH: 357
TYPE: PRT
ORGANISM: Homo sapiens
US-09-912-976-63

Query Match 80.8%; Score 1299; DB 10; Length 357;
Best Local Similarity 81.6%; Pred. No. 7.8e-115;
Matches 253; Conservative 24; Mismatches 33; Indels 0; Gaps 0;
QY 1 MNWVDSIIQEFILGFSDRPMLPPLVFLVLSYVTITFGNLTILVSLRDTKLTHTMY 60
DB 1 MNWVKSVPQEFILLVFSQDPMLEIPPFVWMLFSYLTITFGNLTILVSHVDFKLTHTMY 60
QY 61 FFLTNLSLLDLCYTTCTVQMLNLCIRKVISYRGCVQAQLFIFLALGATEYLLAVMSF 120
DB 61 FFLSNLSLLDLCYTTSTVPQMLNLCNTRKVISYGCVAQLFIFLALGSTECILLAVMCF 120
QY 121 DMFVAICRPLHYSVMHQRCLQLAAASWVTGFSNWSLSTLTQLPLCDPVYIDHFLCE 180
DB 121 DRFVAICRPLHYSIIMHQRCLQLAAASWISGFSNVLQSTLTWTKMPLCGHKEVDHFFCE 180
QY 181 VPALLKLSCVETTANAEALFVSELPFLIPVLITLISYAFIVRAVLIQSAEGRKAFT 240
DB 181 VPALLKLSCVDTTANAEALFFISVLFLLIPVLITLISYAFIVQAVLIQSAEGRKAFT 240
QY 241 CGSHLIVVSLFYSTAVSVYLOPPSPSSKDGKMWLSFYGIIAPMLNPLIYTLRNKEVKEG 300
DB 241 CGSHLIVVSLFYGTALSMYLOPPSPSSKDGKMWLSFCGIIAPMLNPLIYTLRNKEVKEA 300
QY 301 FKRLVARVEL 310
DB 301 FKRLVAKSL 310

RESULT 14

US-09-965-422-50
Sequence 50, Application US/09965422
Publication No. US20030216545A1
GENERAL INFORMATION:
APPLICANT: Spytex, Kimberly A
APPLICANT: Casman, Stacie
APPLICANT: Padigar, Muralidhara
APPLICANT: Dickson, Kevin
APPLICANT: Vernet, Corine
APPLICANT: Spaderna, Steven K
APPLICANT: Shency, Suresh G
APPLICANT: Gerlach, Valerie
APPLICANT: Ellerman, Karen
APPLICANT: Edinger, Shlomit
APPLICANT: MacDougall, John R
APPLICANT: Smithson, Glenda

APPLICANT: Li, Li
APPLICANT: Malyankar, Urial M
APPLICANT: Taylor, Sarah
APPLICANT: Gunther, Erik
APPLICANT: Tchernev, Velizar T
TITLE OF INVENTION: No. US20030216545A1el Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21401-132
CURRENT APPLICATION NUMBER: US/09/965,422
CURRENT FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 60/236,286
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: 60/236,284
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: 60/237,581
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/238,735
PRIOR FILING DATE: 2000-10-06
PRIOR APPLICATION NUMBER: 60/240,736
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: 60/260,019
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: 60/260,338
PRIOR FILING DATE: 2001-01-08
PRIOR APPLICATION NUMBER: 60/262,156
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 60/262,498
PRIOR FILING DATE: 2001-01-18
PRIOR APPLICATION NUMBER: 60/263,133
PRIOR FILING DATE: 2001-01-19
PRIOR APPLICATION NUMBER: 60/263,691
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: 60/266,109
PRIOR FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: 60/271,634
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 127
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 50
LENGTH: 357
TYPE: PRT
ORGANISM: Homo sapiens
US-09-965-422-50

Query Match 80.8%; Score 1299; DB 10; Length 357;
Best Local Similarity 81.6%; Pred. No. 7.8e-115;
Matches 253; Conservative 24; Mismatches 33; Indels 0; Gaps 0;
QY 1 MNWVDSIIQEFILGFSDRPMLPPLVFLVLSYVTITFGNLTILVSLRDTKLTHTMY 60
DB 1 MNWVKSVPQEFILLVFSQDPMLEIPPFVWMLFSYLTITFGNLTILVSHVDFKLTHTMY 60
QY 61 FFLTNLSLLDLCYTTCTVQMLNLCIRKVISYRGCVQAQLFIFLALGATEYLLAVMSF 120
DB 61 FFLSNLSLLDLCYTTSTVPQMLNLCNTRKVISYGCVAQLFIFLALGSTECILLAVMCF 120
QY 121 DMFVAICRPLHYSVMHQRCLQLAAASWVTGFSNWSLSTLTQLPLCDPVYIDHFLCE 180
DB 121 DRFVAICRPLHYSIIMHQRCLQLAAASWISGFSNVLQSTLTWTKMPLCGHKEVDHFFCE 180
QY 181 VPALLKLSCVETTANAEALFVSELPFLIPVLITLISYAFIVRAVLIQSAEGRKAFT 240
DB 181 VPALLKLSCVDTTANAEALFFISVLFLLIPVLITLISYAFIVQAVLIQSAEGRKAFT 240
QY 241 CGSHLIVVSLFYSTAVSVYLOPPSPSSKDGKMWLSFYGIIAPMLNPLIYTLRNKEVKEG 300
DB 241 CGSHLIVVSLFYGTALSMYLOPPSPSSKDGKMWLSFCGIIAPMLNPLIYTLRNKEVKEA 300
QY 301 FKRLVARVEL 310
DB 301 FKRLVAKSL 310

RESULT 15

Search completed: November 23, 2004, 18:34:45
Job time : 142 secs

